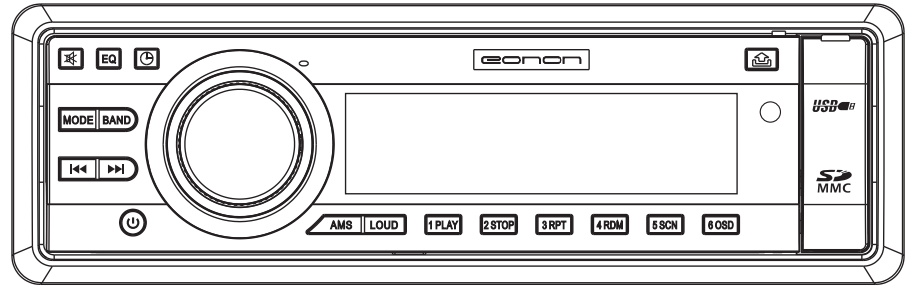
OPERATING INSTRUCTIONS

eonon

E646



Owners Manual — **English**

Welcome!

Thank you for purchasing our company multimedia player! To operate the unit correctly, please read the owner's manual carefully before using the unit. Keep these instructions and retain this booklet for future reference.

Simple Troubleshooting Guide

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Problem	Cause/Solutlon
No power	★ *Check and make sure whether the fuse is blown, replace with the proper value if necessary.*
Some errors occur in the **LCD** or no function when pressing the button.	★ *Press the* **RESET** *button.*
Unable to receive stations.	★ *Check and make sure whether the antenna is inserted or the antenna is properly connected. If so. Insert the antenna or connect it properly.*
Poor effect on receiving a station.	★ *Antenna may not be the proper length . Make sure the antenna is fully extended or broken. If broken. Replace the antenna with a new one.* ★ *The broadcasting signal is too weak.* ★ *The antenna is poorly grounded, check and make sure the antenna is properly grounded at its mounting location.*
ACDs cannot be loaded.	★ A Cd*s is loaded in the mechanism.*
The stereo Indicator" " is flashing.	★ *Tune in the frequency accurately.* ★ *The broadcasting signal is too weak. (Set to the* **MONO** *mode) (page 12)*
No picture.	★ *The Video line from main unit to the* TV *is not connected properly.*
The picture noise appcars.	★ *Improper setting of the color system. Set the color system to"* PAL*"or"* NTSC*". According to the connected television.* ★ *The CDs is dirty or damaged.*

★ *Note: If any of the problem persist after check list had been made, consult your nearest service dealer. Never attempt to disassemble your unit by yourself.*

English

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Notes on installation

English

- The unit is designed for **12V DC**, negative ground operation system only. Before installing the unit, make sure your vehicle is connected to **DC 12V** negative ground electrical system.
- The negative battery terminal must be disconnected before making connections, which can reduce damaging the unit due to short circuit.
- Be sure to connect the color coded leads correctly according to the diagram. Incorrect connections may cause the unit malfunction or damage the vehicle's electrical system.
- Be sure to connect the speaker (-) leads to the speaker (-) terminal. Never connect the left and right channel speaker cables each other or to the vehicle body.
- Do not block vents or radiator panels. Blocking them will cause heat to build up inside and may result in fire.
- After the completion of the installation and begin to play the unit(including replacing the battery),please press the **RESET** button on the front panel with pointed objects (such as ball-point pen)to set the unit to initial status.

Precautions

English

☞ This unit can play the following discs only.

Type of disc	Label on the disc	Recorded material	Size of disc
MP4	**MP4**	Sound and moving Pictures	**12cm/8cm**
DVD	DVD VIDEO	Sound and moving Pictures	**12cm/8cm**
VCD	VIDEO CD / COMPACT disc DIGITAL AUDIO	Sound and moving Pictures	**12cm/8cm**
MP3	**MP3**	Sound only	**12cm/8cm**
CD	COMPACT disc DIGITAL AUDIO	Sound only	**12cm/8cm**

Note: ①The unit is compatible with. DVD. VCD 1.0 / 2.0 / 3.0 VCD, CD-R, PICTURE-CDversion Disc.
② The manual conforms to DVD. VCD. MP3 and CD. If no VCD or MP3 on some models you should ignore them. White enjoying DVD, VCD, Mp3 and CD. The Display will automatically identify the discs and indicate the corresponding words.

☞ Do not attempt to modify the unit, modifying the unit may cause an accident.

☞ Stop the vehicle before carrying out any operation that could interfere with your driving.

☞ Do not work in extreme high or low temperature inside the vehicle is between +60℃ and-20℃ before turning your unit on.

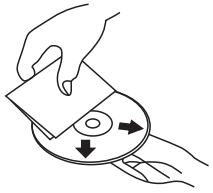
☞ To enjoy optimum sound and images while playing, handle the discs as follows:

——*Handle the disc by its edge to keep the disc clean, and do not touch the surface.*

——*Do not use your Cds with paste residue or ink attached.*

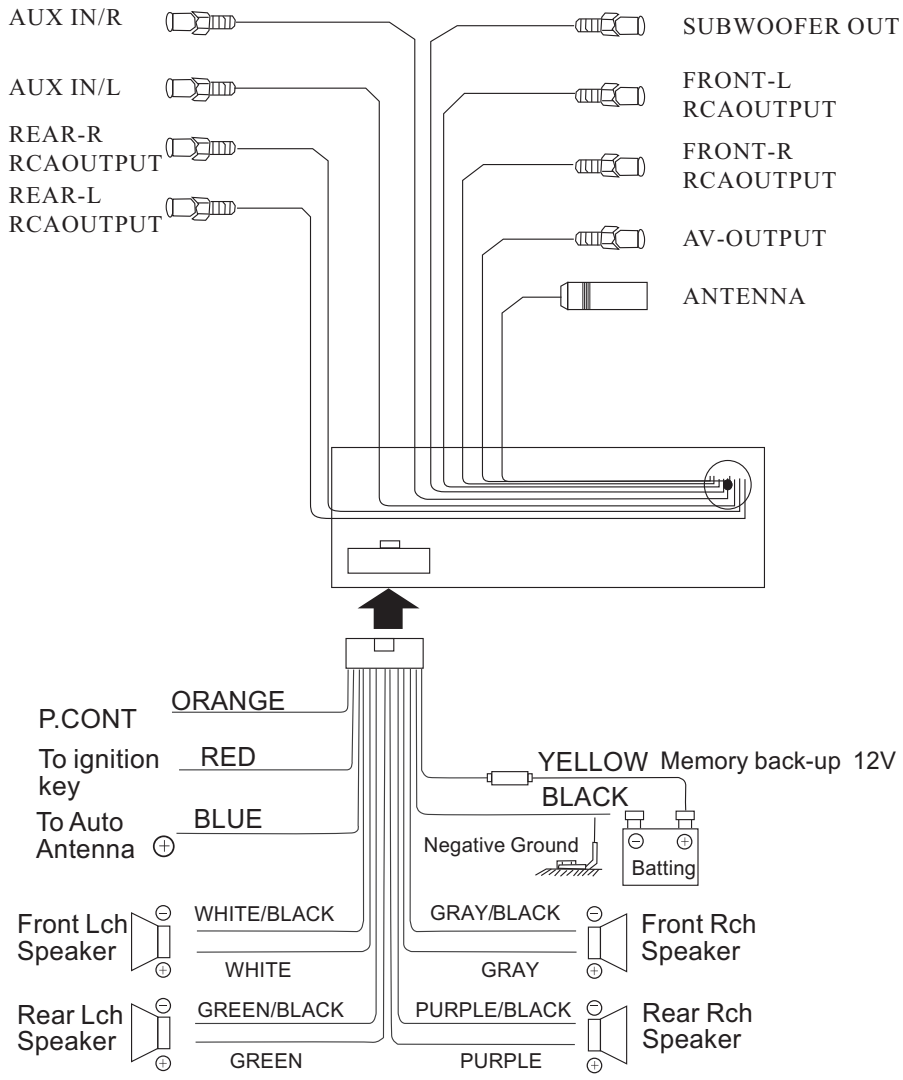
—— *Do not use CDs with labels or stickers attached, which may leave a sticky residue while beginning to peel off. (Shown as picture)*

—— *Clean the discs with an optional cleaning cloth. Wipe each disc from the center out. (Shown as picture)*



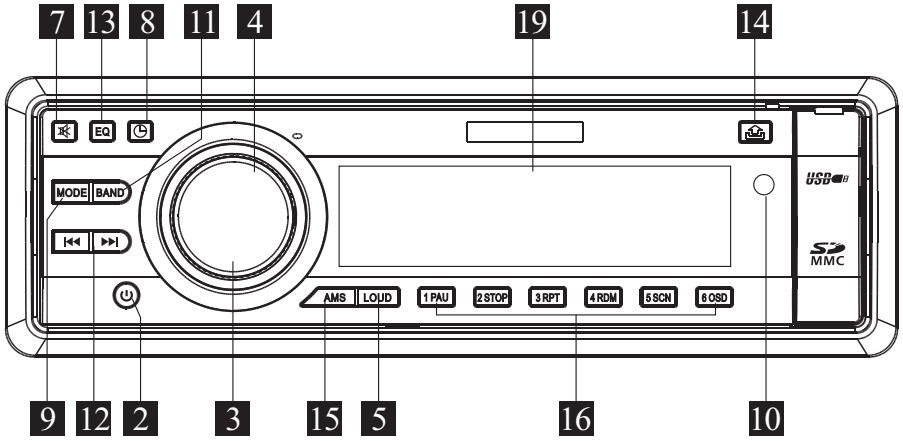
Wiring Diagram

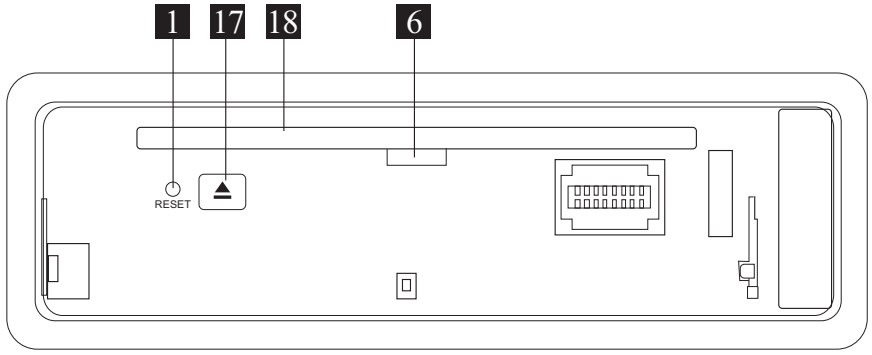
STANDARD CONNECT



Location of the Control

English





1 Reset Button
2 Power Button
3 Volume Control
4 Setting the sound Characteristics
5 Loud button
6 LED Indicator
7 Mute Button
8 Clock Button
9 Mode Button
10 Remote Control Receptor
11 Band Selector
12 Tuning/Selecting Tacks
13 P-EQ Button
14 Release Button
15 AMS Button
16 Number Buttons
17 Eject Button
18 Disk Slot
19 LCD Panel

Basic Operation

English

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Initlal System Start-up

1.Operating the unit for the first time or after replacing the car battery,you must reset the unit. Press 1 (RESET) Button with a pointed object (such as a ball point pen) to set the unit to initial procedure.

★ Note: When some errors occur in the LCD display, Display, you can also press RESET button to resume to normal. And it will erase the clock setting and some memorized functions.

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Turning The Unit ON/OFF

2. Press 2 (PWR) button to turn on the unit, and press it again to turn off the unit.

★ Note: After the unit is off, if the volume level is higher than it is in initial setting, it will resume to initial status; if it is lower than that in initial status, it still store in the status which you set.

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Vol/Bass/Tre/Bal(L-R) /Fad(F-R) Selector

3. For Volume Control 3 , rotate VOL knob clockwise to increase the sound level, and rotate it anticlock wise to decrease the sound level.

4. Repeatedly press 4 (SEL) button to select the desired mode in the following order:

VOL → BAS → TRE → FAD ← BAL ←

★ *Note: After selecting the desired mode, you can adjust the current level by rotating the* 3 (VOL) *knob.*

Note: If you don t adjust 3 (VOL) *knob within 5 seconds after selecting the desired mode. The unit will automatically return to the current mode being displayed.*

VOL → BAL → FAD

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Setting EQ

5. While listening to the popular music, classic music and rock music, you Can adjust the sound quality to make it perfect by pressing 13 (EQ) button. The procedure is as follows:

★ CLASS mode is selected when 13 (P-EQ)button is first pressed and "CLASS"appears in the display. (Shown as picture)

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Basic Operation

English

★ POP mode is selected when pressing 13 (P-EQ) button at the second time, and "POP" appears on the LCD. (Shown as picture)

★ Rock mode is selected when pressing 13 (P-EQ) button at the third time, and "ROCK" appears in the display. (Shown as picture)

★ Rress 13 (P-EQ) button at the fourth time to turn off the P-EQ system.

★ *Note: Bass mode and Treble mode rerurn to initial settings when P-EQ system is on,* "BASS" *and* "TREBLE" *disappear.*

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Mute Function

6. Press 7 (MUTE) button to cut down the sound output, (Press it again to revert to previous volume level).

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Sensor

7. Receptor for the card remote commander.(for remote control version only)

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★ *Note: This windows is used for the unit with remote control function. Without this function you should ignore the operation contents about remote control function.*

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Band Selector /Pause the playback

1. Press 11 (BAND) button repeatedly to select bands in the following order:

During CD mode, press 1 PLAY button to suspend the playback.

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Radio Operation

English

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Manual/Automatic Tuning

2. **Automatic Tuning:** Press 12 (+⏭ or ⏮ −) button continuously to select a station upward or downward respectively.

Manual Tuning: press and hold 12 (+⏭ or ⏮ −) button for more than 3 seconds, the radio automatically searches a station upward or down ward respectively and plays when it finds a staion.

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Scanning/Memorizing Stations Automatically

3. Press 15 (AMS) button to listen each stored station which stored in 16 (1-6) **number buttons.**

★ Press and hold (AMS) button for more than 3 seconds to activate automatically memory storing function. The radio automatically selects a station and has it stored in any one of the number buttons 16 (1-6).

★ *Note: The unit can be stored up to 6 stations for details band. Regarding the function of unmber buttons, refer to* 16 *number buttons*

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Mode Selector

4. Press 9 (MODE) button to select playback mode. If USB/SD card exist, Mode button can switch from each other. Press and hold 9 (Mode) button to select AUX IN mode

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Radio Operation

English

Number Buttons

5.Number buttons can help you store your favorite station by pressing any one of the number buttons. You can follow the steps as below:
Press and hold any number button 16 (1~6) until "Number" appears in the LCD display when receiving a station. And now the station is already stored in the corresponding number button.
(See the picture)

You can store up to 18 FM stations, up to 12 AM stations.

Bluetooth Operation

There are there keys to operate Bluetooth module:

1. EQ key for PAIR function
2. SEL key for ANSWER function
3. LOUD key for HANGUP function

Bluetooth function.

1.PAIR function
Power on the unit. You can used your mobile phone to search and fine the Bluetooth module in our unit named ONTOPPCB. Press and hold key EQ for about 2s,it will display PAIR on the LCD screen. Then you can use your phone to bonding our Bluetooth module with your mobile phone. The entrance code of our Bluetooth module is 8888.

2.ANSWER function and HANGUP function
After our Bluetooth module bonded with your mobile phone. When you have an incoming phone call, the unit will ring and mute the previous sound to indicate that you have an incoming call, at the same time, incoming phone number will displayed on the LCD screen.When you have anincoming phone call, you can press key SEL to answer the call or press key LOUD to HANGUP your phone call.

DVD、VCD、MP3、CD Operation

English

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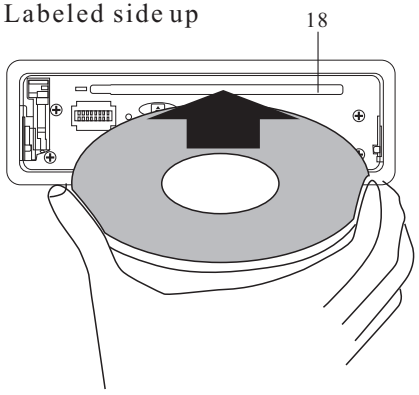
1. While listening to (or watching) **DVD、VCD、CD、MP3**,just insert a Cds (with labeled side up) into the disk **SLOT** 18 , the mechanism will automatically switch on.If a Cds is loaded, press 9 (MOD) button to start the playing.
Labeled side up



While listening to (or watching) **MP3**,just insert a Cds into the disk **SLOT** 18 ,the mechanism will automatically switch on. And the menu on the disc will display to select playing pictures or music.

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Selecting Tracks/F.F/REW

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2. Press 12 (⏭ or ⏮) to choose your favorite track upward or downward respectively.Press and hold 12 (⏭ or ⏮) button to fast forward or rewing the track upward or downward respectively.

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Playing Tracks Repeatedly

3. Press 16 "RPT 3." button to perform repeat playing function when you need to repeat playing the track you like. During DVD、VCD、CD、 version. Press "RPT 3." button at the first time to repeat playing the same track. Press "RPT 3." button-again to stop repeat.

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Scanning Tracks Automatically

4. During play back, Press "5SCAN" button, one of the number button 16 to play the first 15 seconds of each track on the disc,

Press "5SCAN" button once more to revert to normal play back.

★ *Note:* INT *doesn't work during playing*

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Playing Tracks in Random Order

5. During playback, press 16 RDM 4 button, The unit plays any track at random. Press RDM once more to return to normal playback mode.

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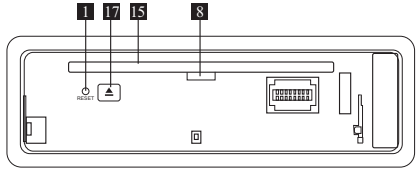
Eject a Cds



6. Press 17 Eject button(▲) to eject the disc.

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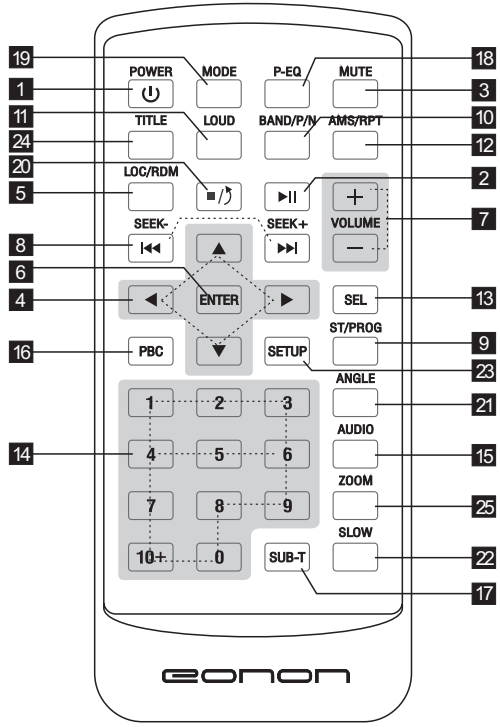

1 Power Switch
2 Pause/Play Button
3 Mute Button
4 Selecting Menu Button
5 Local
6 Enter Button
7 Volume Control
8 Tuning/Selecting Tracks/F.F/REW
9 Program Playing
10 Band Select
11 Loudness
12 Repeat Playing
13 Audio Effect
14 Number Button
15 Audio-Setting
16 PBC Menu
17 Subtitle-Setting
18 EQ Effect
19 Mode Switch
20 Stop/Reverse Button
21 Angle-Setting
22 Slow-motion play
23 Setup Menu
24 Title Display
25 Zoom-seting

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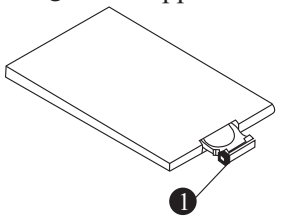
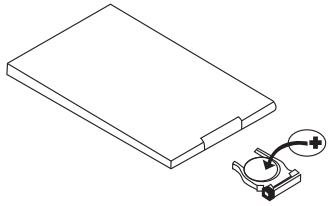
Replacing the Battery

★ When the range of the operation of the card remote control becomes short or no functions while operating. Replace the battery with a new button cell. Make sure the battery polayity before replace.

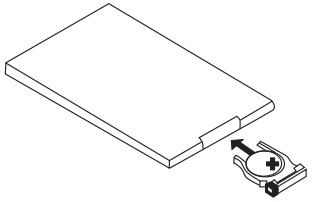
1. Pull out the Battery Holder while pressing the Stopper



2. Put the button-type battery(+)mark upward into the Battery Holder.



3. Insert the Battery Holder into the Remote Control.



★ *Note: Some models are not equipped with remote control, you should ignore the contents about remote control.*

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★ Power Button

—— Press **1** (⏻) button to turn On/Off the power.

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★ Pause/Play Button

—— Press **2** (▶II) button to suspend the playback of CD、MP3、VCD. DVD. Press it again to return to normal playback mode.

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★ Mute Button

—— Press **3** (🔇) button to cut down the sound output, press it once more to resume the previous sound level.

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★ Menu selector

—— Press **4** (◁/▷/△/▽) to select your desired menu, then press **6** (ENTER) or press the play button **2** (▶II) to confirm.

Note: This function works in main menu mode only. refer to page 13.

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★ Volume Increasing/Decreasing

—— Press. **7** (VOL + or VOL -) button to increase or decrease the volume level respectively.

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★ Tuning/Selecting Tracks /FastRewind/Forward

—— During radio mode, continuously press **8** (⏮ or ⏭) button to manual search a station downward or upward respectively; if press and hold **8** (⏮ or ⏭) button for more than 3 seconds, the radio will automatically search a station downward or upward respectively until it finds a station

—— During the playing mode, press and hold **8** (⏮ or ⏭) button to fast rewind or fast forward for you to reach your desired track quickly. When discontinuously press **8** (⏮ or ⏭) button, you can select your desired portion downward or upward respectively

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—— During CD、VCD、DVD mode, you can set the program order to play, you can follow the steps as below: Firstly press **16** (PBC) button, and then press **9** (PROG) button, and the television displays programming P00:00. You can set the program order to play them by using **14** (0 ~ 10+) button, and then press **2** (▶II) to play.

Note: Program doesn't function in playing Mp3.

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Band Selector

1. Press **10** (BAND) button repeatedly to select bands in the following order:

BAND → FM1 → FM2 → FM3 → MW1 → MW2 → BAND

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★ Repeat Playing/AMS

—— During DVD mode, firstly Press **12** (RPT) to repeat the current track being played; press it again to repeat playing all the tracks. The third press it to cancel the repeating functional.

—— During CD、MP3、VCD、DVD mode, firstly press **12** (RPT) to repeat the current track being played; press it again to cancel the repeating functional.

Note: In DVD、VCD、MP3、CD mode. The initial procedure is repeat playing all the tracks

Note: In radio mode press **12** (RPT) *to scan each stored station 10seconds respectively which stored in* **Number Buttons.**

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★ Number Buttons

——During radio mode, you can select one of the 6 stored stations on each hand by pressing any one of the number but ton 14

——During the playing mode, you can select any track directly by using 14 number button (0~10+). For example, if you need the fifteenth track, you can first press button 10+ and then press button 5, the corresponding track (15)th. Will be played.

Note: When button 10+ is first pressed, it works as 10+. It works as 20+ when pressed at the second time, the third time …30+ … and the like.

In PBC playback mode, Number Button is not functional.

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★ Left/Right/Stereo Selector

—— During the playing mode, continuously press 15 (Audio) can change the sound to left / right speaker or stereo mode.

Note: There are S grades surrounding effect in surround mode During VCD mode you can see the different pictures indicating different effects on the television.

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★ Playing PBC (menu)

—— During DVD mode only, when pressing 16 (PBC) button at the first time, PBC play back starts and the menu of entire disc appears on the television. And then you can select your favorite track by using number button 14 (0~10+) When a track is playing, you can press 20 (STOP/RETURN) button to return to the menu if you want to stop to select other tracks. To cancel PBC playing, press 16 (PBC) button again.

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★ Subtitle Selector

——During DVD mode, press 17 (SUB-T) button to switch the menu to Chinese or English.

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★ Mode Switch

—— Press 19 (MODE) button to switch to playback mode

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★ Stop the playback

—— In DVD mode, press 20 (■/) button to suspend the playback and "press play to continue" shown on TV. Press it again to stop the playback.

Note: in VCD、MP3 and CD、Press this key once to stop.

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★ MULT-ANGLE KEY

——In DVD playing mode, press 21 (ANGLE) key, you can watch the DVD content from diferent angle.

Nate: In DVD. MP3 and CD. It is not the function

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★ SLOW REVERSE/ SLOW ADVANCE KEY

Press Slow button when pictures moving, you can enter Slow Motion Playback mode. Press the Slow button on the remote during playback. Press the button again on the remote to play at the next speed. Slow. Motion Playback has six speeds: 1/2, 1/3, 1/4, 1/5, 1/6, 1/7. With each consecutive press of the button, the play speed decreases. If you press the button seven times, Slow Motion Playback cycles back to Normal playback.
Press Play button to resume normal playback.

2 (►‖) key to, cancel slow reverse /Slow advance function.

Nate: in Mp3 and CD. Tt ts not the function,

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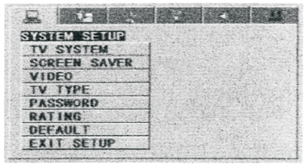
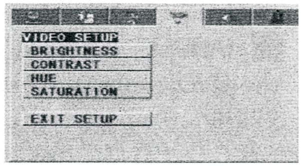
Chapter 4 The Setup Menu System

1. General Steps of Setup Menu

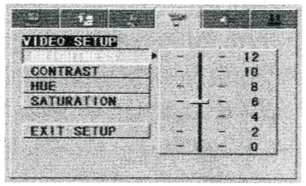
1) Press the Setup button, the main setup menu appears. A
When the main menu displayed, the DVD system will auto pause.



2) Press the Left and Right arrow buttons to highlight the icon of the desired page, the press the Down or Right arrow button to activate that page; For example,if you want to setup the video page, press Right to highlight the video icon, the video page will be displayed on the screen.



3) Press the Down arrow button to highlight the desired option. Press Enter or press Right to select, the choices of that option appear on the right; For example, press the Down arrow button to highlight the BRIGHTNESS option, then press Enter to select, the brightness choices choices appear on the right.



4) Press the Arrow buttons to highlight the Exit Setup option, then press Enter or Setup again to exit Setup Menu.

Notes:

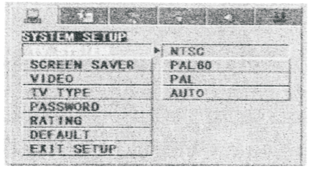
When setup, the pressing of the following buttons will turn off the setup menu, while the choices that have been changed will be saved : P/N,Subtitle,F.F,F.R. Vol+/-.PBC, PBC, Title, Return, Play, Stop, Resume. Pause / Step, Next, Prev, S.F, S.R, Zoom,

Preview, Goto, Program, Repeat, A-B, Angle, language, Soundtrack, 3D, Record, Display, Mute, Setup.

2. Setup Items Introduction

SYSTEM SETUP

The system setup options are illustrated below:

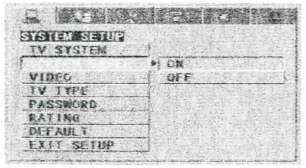


TV SYSTEM

According to the Color System of the TV, you can choose the TV System.

AUTO: Choose this settings if your DVD player is connected to a multi-system TV.
NTSC: Choose this settings if your DVD player is connected to a NTSC TV.
PAL: Choose this settings if your DVD player is connected to a Pal TV.
PAL60: Choose this settings if your DVD player is connected to a PAL60 TV.

The default setting is NTSC.

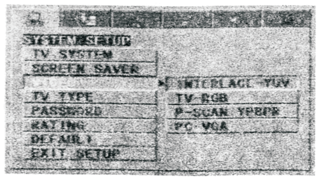


SCREEN SAVER

If the screen saver is on, when your DVD player is in Stop, Open, or No Disc state, or there is a frame frozen for more than 60sec, the screen saver will be displayed. This feature can protect the screen from damage.

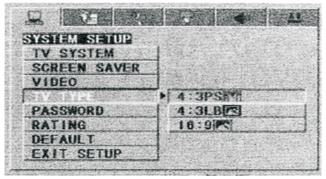
ON: Choose this setting to act to activate the screen saver.
OFF: Choose this setting to cancel the screen saver

The default setting is ON.



VIDEO

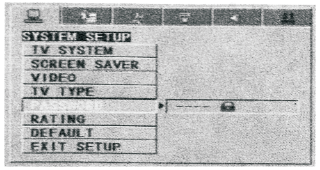
Interlace-YUV: Choose this setting if your DVD player is connected to a TV with Y, Cb, Cr video cables.
TV-RGB:Choose this setting if your DVD player is connected to a TV with an S-
P-SCAN:Choose this setting if your DVD player is connected to a progressive scan TV with Y, Cb, Cr video cables.
PC-VGA:Choose this setting if your DVD player is connected to a progressive scan TV or a monitor with a VGA video cable.
Notes:
When your DVD player output composite video, you can choose the setting randomly. Choose TV-RGB/P-SCAN if your DVD player is connected to a progressive scan TV. The default setting is TV-RGB.



TV TYPE

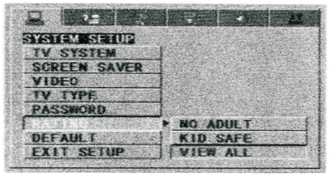
16:9 (Wide Screen):Choose this setting if your DVD player is connected to a wide screen TV. If you Choose this setting and you don′ t have a wide screen TV, the images on the screen may appear distorted due to vertical compression.
4:3LB (Letter Box): Choose this setting if your DVD player is connected to a

normal ratio TV. connector You′ ll see the movies in their original aspect ratio (height-to-width ratio). You′ ll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.
4:3 PS (Pan & Scan):Choose this setting if your DVD player is connected to a normal ratio TV. You can fill the movie to the entire screen of your TV. This might mean that
parts of the picture (the left and right edges) won ′ t be seen.
Notes:
The image display ratio is related to the recorded disc format. Some disc can not display images in the aspect ratio you choose.
If you play a disc recorded in 4:3 format on a wide screen TV, black bars will appear on the left and right side of the screen.
You must adjust the screen setting depending on the type of the television you have.



PASSWORD

The password option is initialized locked, and you cannot sct the ratings limit or change the password. In order for the Ratings feature work, the password mode must be turned on. If you want to set the ratings limit, you will need to enter the default password, which is 0000, then press Enter to confirm. To change the password you will be prompted for the old password, then be prompted for a new. Enter a 4-digit number (this is your password).



RATING

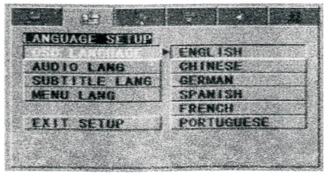
The Rating feature is a rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVD s that your family watches. There are two rating options: NO ADULT and KID SAFE Select the VIEW ALL option to cancel the rating limit.
The default setting is VIEW ALL.
Notes:
If the password option is locked, you cannot set the ratings limit; the rating limit doe not work when the password option unlocked.

DEFAULT

Choose this option to resume all the setup options to default settings.

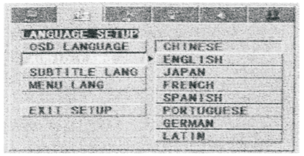
LANGUAGE SETUP

The language setup options are illustrated below:

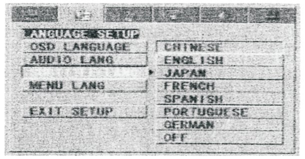


Highlight the OSD LANGUAGE option, and press the Arrow buttons to choose the OSD language you prefer. Press Enter to confirm, and it will display OSD in that

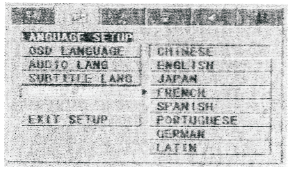
Ianguage;There are 8 iptional OSD languages: Chinese, English, Japan, French, Spanish, Portuguese, German and Latin.



Highlight the AUDIO LANG option,and press the Arrow buttons to choose the audio language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will output audio in that language; There are 8 optional audio languages: Chinese, English, Japan, French, Spanish, Portuguese, German and Latin.



Highlight the SUBTITLE LANG option, and press the Arrow buttons to choose the subtitle language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will displays subtitles in that language; There are 8 optional audio languages: Chi8nese, English, Japan, French, Spanish, Portuguese, German, and Off



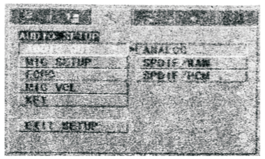
Highlight the MENU LANG option, and press the Arrow buttons to choose the menu language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will displays menu in the language; There are 8 optional menu language: Chinese, English, Japan, French, Spanish, Portuguese, German, and Off.

Notes:

If your preferred language isn′t available, the disc′s default language will be played. The default language of your DVD player is Chinese.

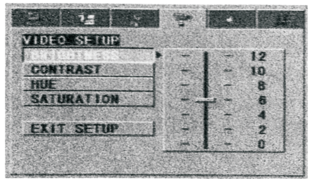
AUDIO SETUP

The audio setup options are illustrated below:



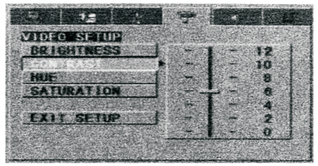
VIDEO SETUP

The video setup options are illustrated below:



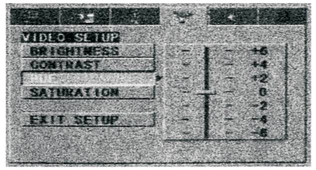
BRIGHTNESS

Use the Up and Down arrow button to move the scroll and adjust the brightness.



CON TRAST

Use the Up and Down arrow button to move the scroll and adjust the contrast.



HUE

Use the Up and Down arrow button to move the scroll and adjust the hue.

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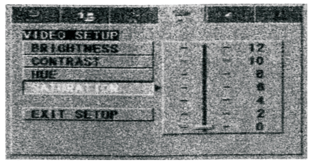

SATURATION

Use the Up and Down arrow button to move the scroll and adjust the saturation.

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★ TITLE KEY

——In DVD 、VCD playing mode, press 24 (TILE) key to show all tracks' title on TV screen. Then press 14 (0~10 +) key or press 4 (⇦/⇨/⇧/⇩) key to choose your desired track number and press 7 (ENTER) key or 2 (▶||) key to start.

Note: 1. No title display in Mp3、CD mode
2. For choose a desired language to press title key.

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★ ZOOM KEY

The 25 Function allows you to enlarge or zoom out the video image and to pan though the image. Press Zoom repeatedly to activate the function and choose the required zoom factor: Zoom 1, Zoom 2, Zoom 3, Zoom 1/2, Zoom 1/3, Zoom, Zoom Off.
Notes: This feature does not work when the Disc Menu appears.
Use the Arrow buttons to pan across the screen when the zoom factor is 1,2 or 3 .

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REFERENCE:

To protect your DVD player, the interval between two consecutive power button operations must be above 30 seconds.

No using for a period of time, please pul l ou t the plug from the electronic outlet. The play er should be operated only on condition that the type of power supply corresponds to the marking label. Otherwise, it doesn' t work or even be damaged. If the player stops playback by accident, please power it on again.

Remote Control Operation English

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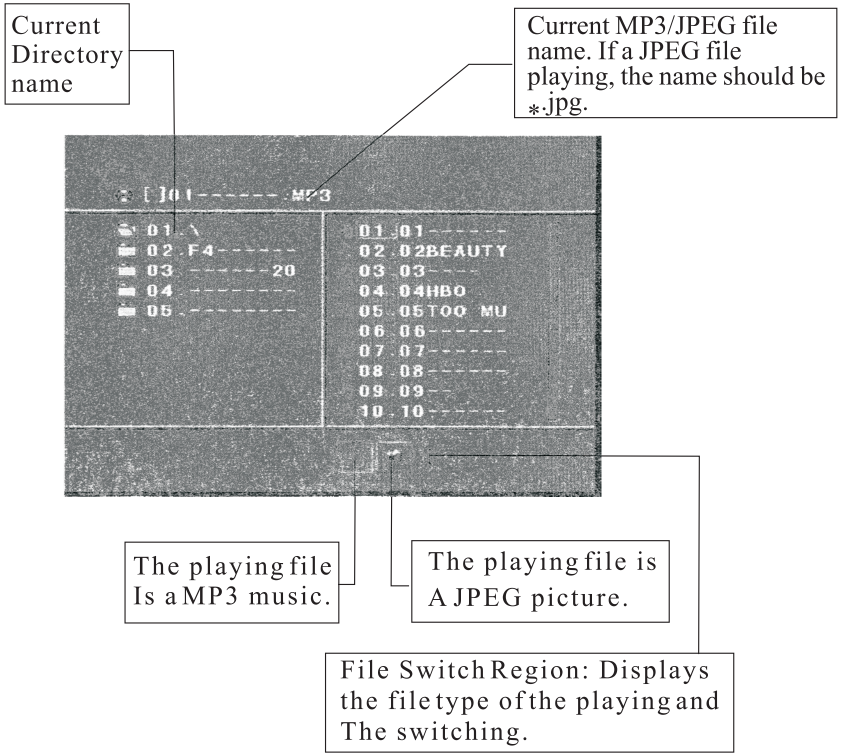
Chapter 3 Playing WMA, MP3 and JPEG discs

Place a MP3/ JPEG disc into the tray, and the player will auto search the directories saved MP3/JPEG files. After searching, it will auto go to the first directory saved MP3 files (to the disc containing both mp3 and jpeg files; To the disc containing single type of files,it will auto go to the first directory) and play the first song in the directory ("01:" is highlighted).The screen displays as the picture below:



Use the Arrow buttons to enter the Directory Region and highlight the desired directory, then the first track under it starts playback; Also you can use the Arrow buttons to enter the File Region and select the file you want to play.
Notes:
I. Press the Left and Right arrow buttons, you can activate Directory Region, File Region and File Switch Region separately.
II. The highlight in Directory Region and File Region is shown as the picture

Playing WMA,MP3and JPEG discs

above; While it appears a transparent rectangle in File Switch Region.

Ⅲ. In File S witch Region, you can press the Left and Right arrow buttons to switch the highlight, then press Enter, the "M" , "P" ,and "G" button is illustrated in the above picture. For example, if a disc with Mp3 and Jpeg files but without any NES files is loaded, the color of the letter "M" and

"P" will appear to white and "G" black. If a Mp3 file playing, "M" turns darker.

Ⅳ. To the disc with WMA, MP3 and JPEG files, whcn playing a JPEG picture, press the Return button to return to JPEG list.

Ⅴ. You can press the Numeric buttons to select the file you want to play. For example, if you desire the 15th track in current list, press the "10+" button once, then poress "5" ,the 15th starts playback.
Notes: When playing a disc with Mp3 files, video cannot be output while only digital audio can.

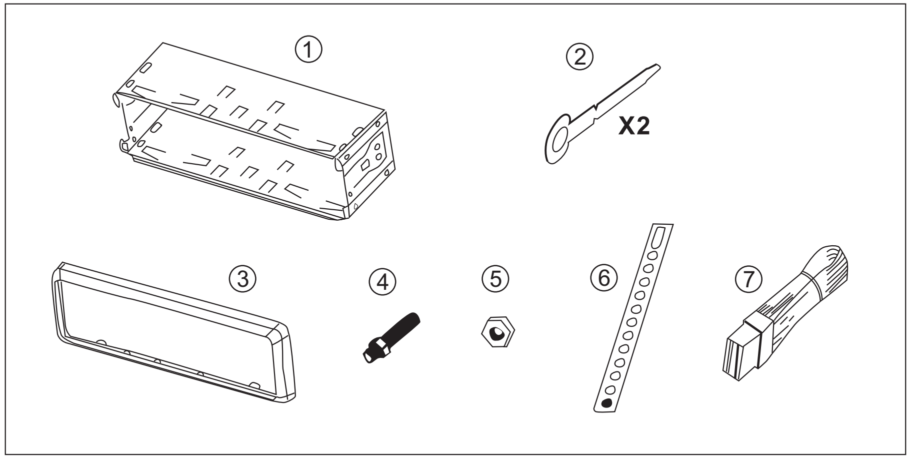
Ⅵ When playing JPEG pictures, press the Program button to choose the pictures Switched mode. There are 17 switch modes; Press Program repeatedly to activate the function and choose the required switch mode: Spread from Up to Down, Spread from Down to Left, Spread from Left to Right ,Up to Left Down, Spread Spread from Left Up to Right Down, Spread from Right Up to Left Down, Spread Left Down to Right Up, Spread from Right Down to Left Up, Spread from Center to Up / Down, Fold from Up / Down to Center, Fold from Left/ Right to Center, Horizontal Shutter, Vertical Shutter, Fold from the Corners to the Center, Random Play, Off

Ⅶ When a picture playing or pausing, press the Arrow buttons to change the display angle:
Up: flip vertical
Down: flip horizontal
Left: rotate 908 counter-clockwise
Right:rotate 908 clockwise

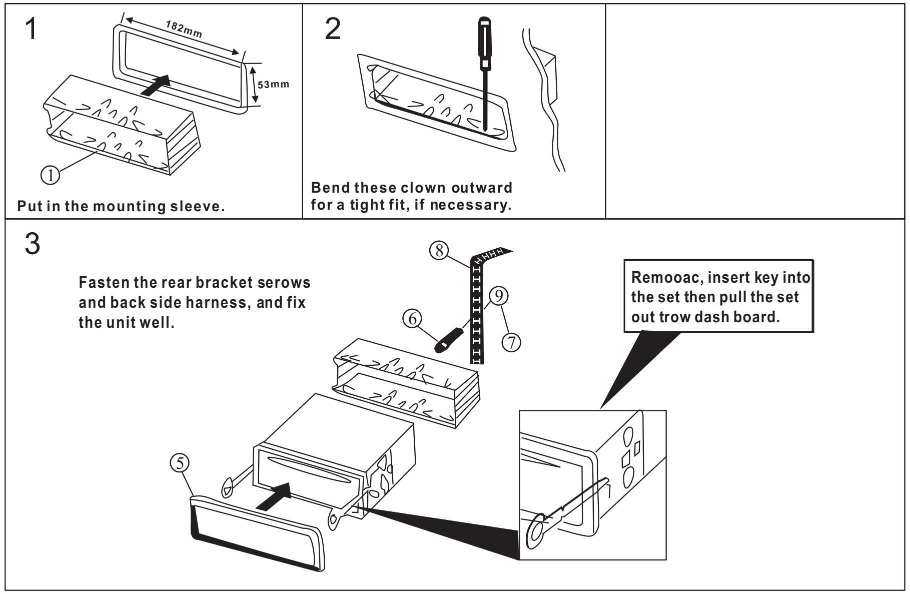
Ⅳ When a picture playing or pausing, press the Menu button, the screen displays small pictures. Up to 12 small pictures are displayed per screen. To view the next 12 pictures, press the Next button to go forward and the prev button to go to the previous page. You can also select and play a picture in full screen by press that number on the remote.

Installation

Parts List (The number in the list are keyed to those in the instructions)



Mounting Example ①



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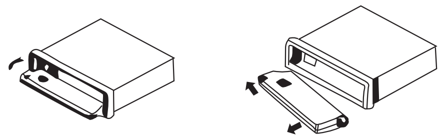
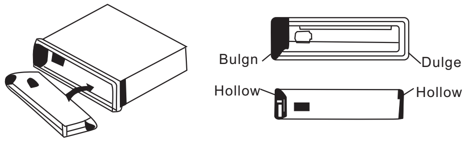
DETACHING THE FRONT PANEL



Before detaching the front panel. Be sure to press ⏻. Press ⏏, then ture the front panel to the level, slide it to the left, and pull it off to wards you.

REPLACING THE FRONT PANEL



First, insert the left side of the front panel into the main unit. Push the right side of the front panel until it looks firmly into the main unit, at one time, insert the right side of the front panel into the main unit.

PRECAUTIONS

Do not touch the contacts on the ront panel or on the unit body, since this may result in poor electrical contact, If dirt or dust get on the contacts, wipe them with s clean, dry cloth.

General

Power Requirements	12V DC
Load Impedance	4 Ω
Max. Power Output	45W x 4/65W x 4/100W x 4
Tone Controls	±8dB(Bass 100Hz, Treble 10KHz)
Dimensions	Approx.192x178x50mm(dxwxh)
Mounting Dimensions	Approx.169x182x53mm(dxwxh)
Weight	Approx. 1.75kg

DVD Deck Section

Discs Played	DVD,VCD1.0/1.1/2.0/3.0/MP3,CD,CD-R,CD-RW,PICTURE-CD
Video System	AUTO/PAL/NTSC
Mounting Angle	0TO+/-30°

Video Section

Video System	4:3 Letter Box and 4:3 Pan Scan
Video Output level	1.0Vp-p 75 ohms
Horizontal Resolution	500

Audio Section

Maximum Output level	2Vrms(+/-3dB)
Frequency Response	20 to 20Khz
Signal-to-noise Ratio	85dB
Separation	80dB

AM Tuner Section

Frequency Range	522-1620(Europe/China/Japan),530-1710(U.S.A) (Optional)
IF Range	450KHz
Usable Sensitivity(-20dB)	25dB

FM Tuner Section

Tuning Range	76-90(Japan) 87.5-108(Europe/china),87.5-107.9(U.S.A)(Optional)
IF Range	10.7MHz
Usable sensitivity (-30dB)	15dB
Signal-to-noise Ratio	60dB
Stereo Separation	30dB(1KHz)
Frequency Response	30~15000Hz

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★ *Note: Due to continuous product improvement, specifications and design are subject to change without notice.*